

# OIPE ROUTING SHEET

## APPLICATION

IFW DocCode - SEQREQ

Index using Current Date

S/N 10562601

**TO BE DELIVERED TO:**  
**Tech Center Scanning**

### Sequence Rule Compliance Review Item

	CRF, paper copy of sequence listing, and statement that both are same missing
X	CRF contains error(s) according to STIC Report
	CRF damaged or unreadable according to STIC Report
	CRF transferred from prior application is not compliant

**Place an “X” in the appropriate box**



CHRISTOPHER S. F. LOW  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 1600

# APPLICATION SERIAL NUMBER

**S/N 10562601**

**DOES NOT COMPLY WITH THE  
SEQUENCE RULES. See reasons below.**

**The application does not conform to 37 C.F.R. 1.821 –  
1.825. See the attached pages.**

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Thu Jun 07 20:19:22 EDT 2007

=====

\*\*\*\*\*

Reviewer Comments:

<210> 1  
<211> 23  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> CodY target sequence

Please explain the source of "<223> CodY target sequence."

<210> 15  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> consensus sequence GTP binding motif in CodY homologs  
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<221> Xaa  
<222> (2)..(2)  
<223> Arg  
<220>  
<221> Xaa  
<222> (3)..(3)  
<223> Met, Gly, Ile, Lys, Gln  
<220>  
<221> Xaa  
<222> (4)..(4)  
<223> Gly  
<220>

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<221> Xaa
<222> (5)..(5)
<223> Thr
<220>
<221> Xaa
<222> (7)..(7)
<223> Ser
<400> 15
Gly Gly Glu Arg Leu Gly Thr Thr
    1           5
```

There are no Xaa's at locations 2-4, and 5-7. Why are there Xaa explanations? e.g., "Gly" is at location 2--it can only represent itself; "Glu" is at location 3. Same type of error in Sequence 15.

```
<220>
<221> Variant
<222> (2)..(2)
<223> Ala, Lys
<220>
<221> Variant
<222> (3)..(3)
<223> Phe, Ile
<400> 24
Asp Arg Val Gly
    1
```

The <222> and <223> responses above are invalid. "Arg" is at location 2--it can only represent itself. If you want location 2 to represent Arg, Ala, or Lys, please use "Xaa" instead of "Arg." Same problem with the <222> (3)..(3) and the <223> line below it.

Same type of error in Sequence 29.

```
<210> 226
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> MUT16
```

The <223> response above is an insufficient explanation for <213>

Artificial Sequence. Please give the source of "MUT16." Same type of error throughout the submitted file.

\*\*\*\*\*

Application No: 10562601 Version No: 10

### **Input Set:**

### **Output Set:**

**Started:** 2007-06-07 15:32:33.514  
**Finished:** 2007-06-07 15:32:36.262  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 748 ms  
**Total Warnings:** 207  
**Total Errors:** 12  
**No. of SeqIDs Defined:** 234  
**Actual SeqID Count:** 234

**Input Set:**

**Output Set:**

**Started:** 2007-06-07 15:32:33.514  
**Finished:** 2007-06-07 15:32:36.262  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 748 ms  
**Total Warnings:** 207  
**Total Errors:** 12  
**No. of SeqIDs Defined:** 234  
**Actual SeqID Count:** 234

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (24)
W 213	Artificial or Unknown found in <213> in SEQ ID (29)
W 213	Artificial or Unknown found in <213> in SEQ ID (39)
W 213	Artificial or Unknown found in <213> in SEQ ID (40)
W 213	Artificial or Unknown found in <213> in SEQ ID (41) This error has occurred more than 20 times, will not be displayed
E 257	Invalid sequence data feature in <221> in SEQ ID (214)
E 257	Invalid sequence data feature in <221> in SEQ ID (214)
E 257	Invalid sequence data feature in <221> in SEQ ID (214)
E 257	Invalid sequence data feature in <221> in SEQ ID (214)
E 257	Invalid sequence data feature in <221> in SEQ ID (227)
E 257	Invalid sequence data feature in <221> in SEQ ID (228)
E 257	Invalid sequence data feature in <221> in SEQ ID (230)

SEQUENCE LISTING

<110> Hengst den, Christiaan D.  
Gajic, Olivera  
Kuipers, Oscar P.  
Kok, Jan  
Sikkema, Jan  
Geurts, Johannes M.W.  
Nauta, Arjen

<120> Methods and means for regulating gene expression

<130> P63590US00

<140> 10562601  
<141> 2007-06-07

<150> US 10/562,601  
<151> 2005-12-28

<150> PCT/NL2004/000474  
<151> 2004-07-02

<150> EP 03077074.7  
<151> 2003-07-02

<160> 234

<170> PatentIn Ver. 3.3

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<220>  
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<220>  
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<210> 16  
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1 5

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<213> Enterococcus faecalis

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1 5

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<223> motif in L. lactis MG1363 genome

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15

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15

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<223> motif in L. lactis MG1363 genome

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15

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<212> DNA

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15

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<212> DNA

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15